	lh: "	0اد .	9/2003						DTO/00 04 (05 00)
/	6		ILING LABEL: E			t and Trac	demark Of	ffice: U.S. Di	PTO/SB/21 (05-03) ph 04/30/2003. OMB 0651-0031 EPARTMENT OF COMMERCE
/	کے	9:1		no persons	are required to respond to a collection Application Number	on of infor	mation un 13,659	less it disola	vs a valid OMB control number.
	JL -	SEP 0 8 2003 TRANSMITTAL			Filing Date		3/2003		
	FORM				First Named Inventor	Andrew DANFORTH			
Q	1 TA	o be used for all co.	rrespondence after initial i	filing)	Art Unit				
-	(K)	AUE		Examiner Name	Not y	Not yet assigned			
1	Tol	tal Number of Page	es in This Submission	05+	Attorney Docket Number	2816	-025		
				ENCL	OSURES (Check all that	t apply)			
		Amendment/R After F Affidav Extension of T Express Aband Information Did Certified Copy Document(s) Response to M Incomplete Ap	ttached Reply Final vits/declaration(s) Fime Request donment Request sclosure Statement v of Priority Missing Parts/	Remark This sub §1.97; P 15 of 34 Please r enclosed	Drawing(s)  icensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Perminal Disclaimer Request for Refund CD, Number of CD(s)  mission contains an Information TO/SB/08 Information Disclosereferences; and a return receivate that copies of the cited Ud pursuant to the PTO's waive cations filed after June 30, 20	ion Disc sure Sta eipt post	Return  closure satement tcard.	o Group Appeal Con of Appeals a Appeal Noti Proprietary Status Lette Other Enclo dentify belo Receipt P  Statemen t by Applic	sure(s) (please ow): costcard  t Pursuant to 37 CFR cant (3 pages) including
			SIGNA	TURE O	F APPLICANT, ATTORNI	EY, OR	RAGE	NT	
		addi mamo	nothy W. Graves, I		egistration No. 45, 940				
	Signature / / / / /		X_						
Date 09/09/2003									
	CERTIFICATE OF TRANSMISSION/MAILING								
	I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.								
	Турес	d or printed name	)						
	Signa	ituro			,			Date	Aur.

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



## EXPRESS MAILING LABEL NO. EL984394468US IN DATE: 09/09/2003

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of Andrew DANFORTH, et al.

Serial No.:

10/613,659

Group Art Unit:

Not yet assigned

Filing Date:

07/03/2003

Examiner:

Not yet assigned

For:

Method to Block Unauthorized Access to TFTP Server Configuration Files

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

\* \* \* \* \* \* \* \* \* \* \*

## INFORMATION DISCLOSURE STATEMENT PURSUANT TO 37 CFR §1.97

Dear Sir:

In accordance with 37 CFR §1.56, Applicant hereby submits the following Information Disclosure Statement. The form PTO/SB/08 submitted lists references Applicant thinks may be relevant. These documents are not necessarily analogous art. It is respectfully requested that these documents be considered by the Examiner, and that the Examiner indicate consideration of the cited references by returning a copy of the attached form PTO/SB/08 with initials or other appropriate marks affixed. Copies of the cited U.S. Patents and U.S. Patent Applications are not enclosed pursuant to the PTO's waiver of the requirement under 37 CFR §1.98(a) for patent applications filed after June 30, 2003. Copies of the Non-Patent Literature Documents are enclosed herewith.

Respectfully Submitted,

Timothy W. Graves, Esq.

Registration No. 45,940

Roberts Abokhair & Mardula, LLC 11800 Sunrise Valley Drive, Suite 1000

Reston, Virginia 20191

(703) 391-2900

SEP 0 8 2003

Sheet 01

XPRESS MAILING LABEL: EL984394468US

PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of. | 03

Complete if Known

Application Number 10/613,659

Filing Date 07/03/2003

First Named Inventor Andrew DANFORTH

Art Unit Examiner Name Not yet assigned

Attorney Docket Number 2816-025

			U. S. PATEN	T DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	01	<sup>US-</sup> 5,528,595	06/18/1996	Walsh et al.	
	02	<sup>US-</sup> 6,170,061	01/02/2001	Beser	
	03	<sup>US-</sup> 6,195,689	02/27/2001	Bahlmann	
	04	<sup>US-</sup> 6,208,656	03/27/2001	Hrastar et al	
	05	<sup>US-</sup> 6,249,523	06/19/2001	Hrastar et al.	
	06	<sup>US-</sup> 6,286,058	09/04/2001	Hrastar et al.	
	07	<sup>US-</sup> 2001/0032311	10/18/2001	White	
	08	<sup>US-</sup> 6,324,267	11/27/2001	Hraster et al.	
	09	<sup>US-</sup> 2002/0023160	02/21/2002	Garrett et al.	
	10	<sup>US-</sup> 6,359,882	03/19/2002	Robles et al.	
	11	<sup>US-</sup> 2002/0035623	03/21/2002	Lawande et al.	
	12	<sup>US-</sup> 6,405,253	06/11/2002	Schutte et al.	
	13	<sup>US-</sup> 2002/0073433	06/13/2002	Furuta	
	14	<sup>US-</sup> 6,430,193	08/06/2002	Raissinia et al.	
	15	us- 2002/0144284	10/03/2002	Burroughs et al.	
	16	<sup>US-</sup> 2003/0033379	02/13/2003	Civanlar et al.	
	17	<sup>US-</sup> 6,546,017	04/08/2003	Khaunte	
	18	<sup>US-</sup> 2003/0070063	04/10/2003	Boyle et el.	
	19	<sup>US-</sup> 2003/0093669	05/15/2003	Morais et al.	

FOREIGN PATENT DOCUMENTS									
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages				
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T <sup>6</sup>			
	ļ								
	<del> </del>								
	ļ								
	-								
					-	L			
			1			ı			

Examiner		Date	
Signature		Considered	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nicind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

ម្រើ/DATE: 09/09/2003 EXPRESS MAILING LABEL: EL984394468US

PTO/SB/08B (08-03) Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Substitut	te for form 1449/PTO				Complet if Known
				Applicati n Numb r	10/613,659
INF	ORMATION	DIS	CLOSURE	Filing Date	07/03/2003
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Andrew DANFORTH
	(Use as many she	nata an e		Art Unit	
	Cose as many sin	ous as i	ecessary)	Examiner Name	Not yet assigned
Sheet	02	of	03	Attorney Docket Number	2816-025

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	20	ALEXANDER, et al, "DHCP Options and BOOTP Vendor Extensions", March 1997	
	21	CABLE TELEVISION LABORATORIES, INC., "Data-Over-Cable Service Interface Specifications: Baseline Privacy Plus Interface Specification", SP-BPI+-I09-020830, August 30, 2002	
	22	CABLE TELEVISION LABORATORIES, INC., "Data-Over-Cable Service Interface Specifications: Radio Frequency Interface Specification", SP-RFIv1.1-I09-020830, August 30, 2002	·
	23	CABLE TELEVISION LABORATORIES, INC., "Data-Over-Cable Service Interface Specifications: Radio Frequency Interface Specification", SP-RFIv2.0-I03-021218, December 18, 2002	
	24	CISCO, "Internal DOCSIS Configurator File Generator for the Cisco Cable Modem Termination System", Cisco Cable Modem Termination System Feature Guide, Chapter 6	
	25	COMMUNICATIONS TECHNOLOGY, "Cable Modern Security: Insulating Your Network While Keeping Your Subscribers Safe from Each Other", October 2001	
	26	CROFT et al, "BOOTSTRAP PROTOCOL (BOOTP)", September 1985	
	27	DROMS, "Dynamic Host Configuration Protocol", March 1997	
	28	JACOBS, et al, "Bandwidth Burglary in Broad Daylight: How to Prevent a Simple Hack", January 2003	
	29	PFENDTNER, "DOCSIS Network Security at WH-Netz", November 20, 2002	

Examiner	Date	
Signature	Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

1 8.2019 DATE: 09/09/2003 EXPRESS MAILING LABEL: EL984394468US

PTO/SB/08b (08-03) Approved for use through 06/30/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute fo	r form 1449B/PTO				Complete if Known	١
					Application Number	10/613,659	•
	INFO	RMATION DIS	SCLO	DSURE	Filing Date	07/03/2003	-
	STAT	EMENT BY A	<b>\PPL</b>	<b>ICANT</b>	First Named Inventor	Andrew DANFORTH	-
					Art Unit		-
		(Use as many sheets as	necessai	(Y)	Examiner Name	Not yet assigned	-
\	Sheet	03	of	03	Attorney Docket Number	2816-025	1

NON PATENT LITERATURE DOCUMENTS									
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²						
	30	RIVEST, "The MD5 Message-Digest Algorithm", April 1992							
,	31	SOCIETY OF CABLE TELECOMMUNICATIONS ENGINEERS, INC., "Data-Over-Cable Service Interface Specification: DOCSIS 1.0 Radio Frequency Interface (RFI)", ANSI/SCTE 22-1 2002 (formerly DSS 02-05)							
	32	SOLLINS, "THE TFTP PROTOCOL (REVISION 2)", July 1992							
	33	TECHNICAL COMMUNICATIONS CORPORATION, "Technical Discussion on Key Length vs. Time to Break", 1996							
	34	WIMER, "Clarifications and Extensions for the Bootstrap Protocol", October 1993							

Examiner Signature	Date Considered	

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.